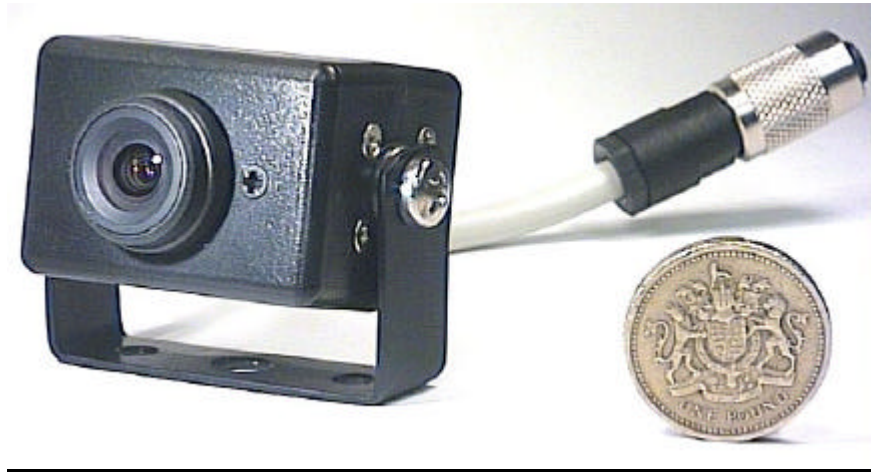




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ADVISION[®] AVCAM 702B

COMPACT COLOUR VIDEO CAMERA



Description

The AVCAM 702B Compact Colour Video Camera is a cost effective alternative to C-mount cameras, especially for covert or weight sensitive robotic applications.

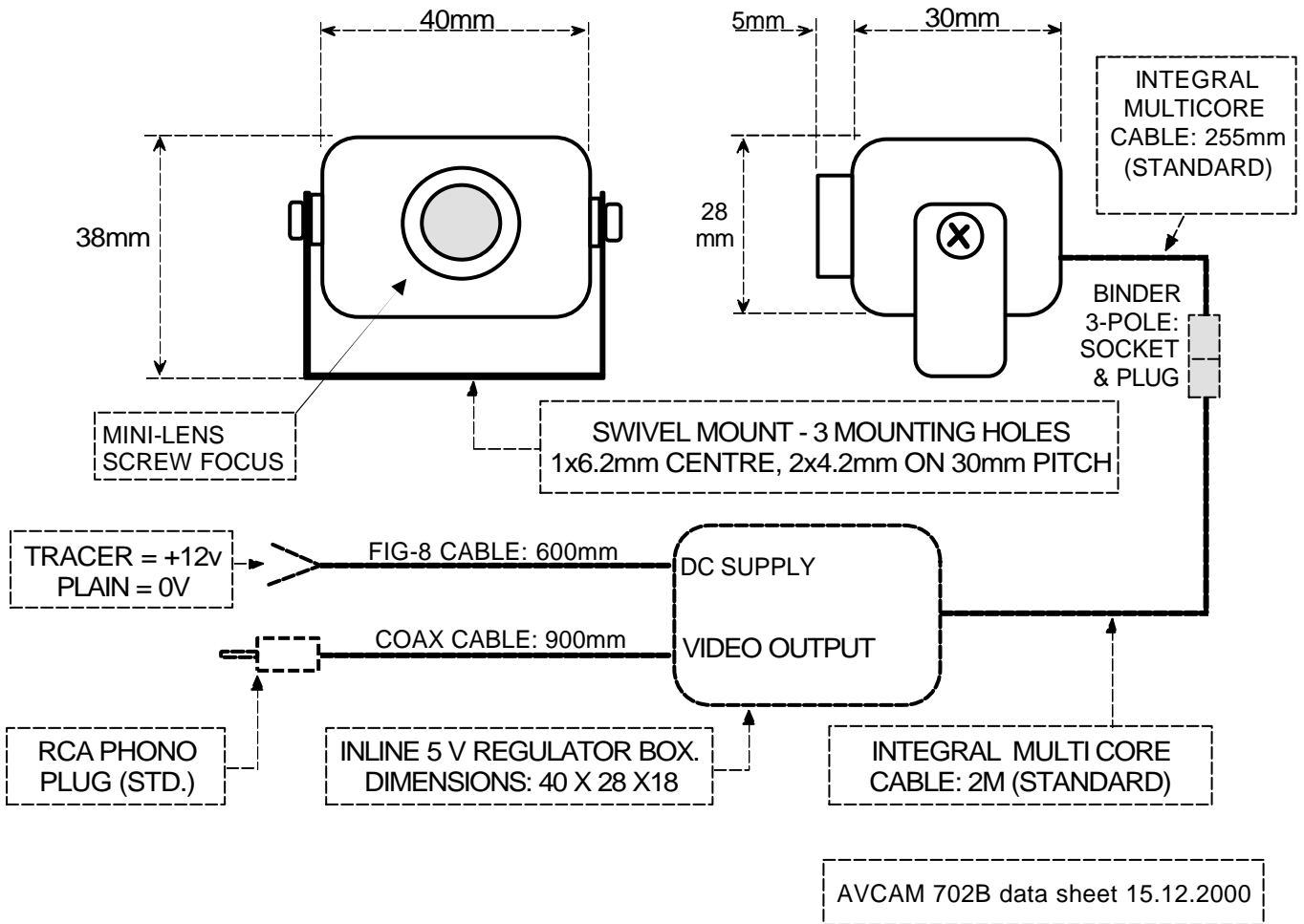
The Camera is available with a choice of optional Mini -Lenses to suit most applications.

Features

- 4.0 x 3.0 x 2.8 cms
- In-Line Connector
- Swivel Mounting Bracket
- Light weight – 40 gms
- Interchangeable Lenses
- Operating Voltage: 6-15V DC

AVCAM 702B Compact Colour Video Camera

Specifications		I ² C/PC S/W Controllable Parameters (Optional)					
CCD Imaging area	1/4 " format 3.61 mm (H) x 2.70 mm (V)						
Imaging System	Interline field accumulation PAL standard	<ul style="list-style-type: none"> ➤ Mirror Image ➤ AGC/Gain control ➤ Brightness/Contrast ➤ ELC target level control ➤ Flickerless mode ➤ Manual Shutter ➤ Edge Enhancement ➤ Black Level ➤ White Balance ➤ Colour Matrix ➤ Negative/Positive ➤ Gamma ➤ Knee Control 					
Horizontal scanning frequency	15.625 kHz						
Vertical scanning frequency	50.00 kHz						
Number of scanned lines	625 lines						
Frames per second	25 frames						
Synchronisation	Internal synchronisation						
Video Output	VBS 1 V(p-p) / 75 R composite signal						
Resolution	Horizontal: Min. 330 lines (centre area) Vertical: Min. 350 lines (centre area)						
S/N ratio	46 dB (with AGC OFF)						
Minimum illumination	5 lx (at F2.0), 10 lx (at F2.8)						
AGC	On (preset)						
ELC	On (preset)						
White Balance	ATW (preset)						
External connections	Integral multicore cable with Binder 3 pole in-line connectors, Phono Plug for Video O/P & bare wire ends for 12Vdc: 2m standard length (other lengths & connectors to order)	Lens Configurations					
		AVCAM 702B Model no.	Lens Type	Horizontal Field angle	Vertical Field angle	Max. Aperture	Focal Length (mm)
Power supply range	6 – 15V DC	2.5	Optional	84°	68°	F2.0	2.5
Power consumption	132mA /1.6W @ 12V DC	3.8	Standard	54.0°	50.0°	F2.0	3.8
Temperature range	Operating (Actual use): -10°C ~ +50°C Guaranteed performance: -5°C ~ +35°C	4.6	Pin-hole	45°	34°	F2.8	4.6
		6	Optional	34.0°	26.0°	F2.2	6.0
Humidity range	Operating: max 90 % Storage: 95% max	8	Optional	26.0°	19.0°	F2.5	8.0
		12	Optional	17.0°	13.0°	F2.5	12.0
Case material	Black ABS Plastic						
Bracke material	Black Anodised Aluminium						
Weight	40 grams						



Design & specifications subject to change without notice!